542,064

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PATENT COOPERATION TRE

PCT/JP2004/000123 10/542064



INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY (Chapter II of the Patent Cooperation Treaty)

(PCT Article 36 and Rule 70)

	(1 Of Addicte 30 and Kille 70)	
Applicant's or agent's file reference	EOD BYD	
03R01026	FOR FURTHER ACTION	See Form PCT/IPEA/416
International application No.	International filing date (day/month/year)	Priority date (day/month/year)
PCT/JP2004/000127	09 January 2004 (09.01.2004)	10 January 2003 (10.01.2003)
International Patent Classification (IPC) or n H04L 12/28	national classification and IPC	
Applicant		
	SHARP KABUSHIKI KAISHA	
1. This report is the international profi-		
Authority under Article 35 and trans	ninary examination report, established by this mitted to the applicant according to Article 3	International Preliminary Examining 6.
2. This REPORT consists of a total of	3 sheets, including this cover s	
3. This report is also accompanied by A	NNEXES, comprising:	heet.
	to the International Bureau) a total of	
sheets of the descri and/or sheets conta Administrative Inst	ption, claims and/or drawings which have be ining rectifications authorized by this Authorictions).	een amended and are the basis of this repor rity (see Rule 70.16 and Section 607 of the
sheets which super	Sede earlier choots had all the	
beyond the disclosi	sede earlier sheets, but which this Authority ure in the international application as filed, a	considers contain an amendment that goes indicated in item 4 of Box No. Lond to
b. (sent to the International	d Rungay and	to the state of box 140. I and the
	d Bureau only) a total of (indicate typ	e and number of electronic carrier(s)) and/or tables related thereto, in computer
Administrative Instructions	, containing a sequence listing icated in the Supplemental Box Relating to).	Sequence Listing (see Section 802 of the
4. This report contains indications relatin	ig to the following items:	•
Box No. I Basis of the repo	ort	
Box No. II Priority		
Box No. III Non-establishme	nt of opinion with regard to novelty, inventiv	
Box No. IV Lack of unity of	invention	e step and industrial applicability
Box No. V Reasoned statement	ent under Article 35/2) with money	, inventive step or industrial applicability
Box No. VI Certain document		. approachity,
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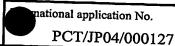
INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

PCT/JP2004/000127

Box N	0. I	Basis of the report	
1. Wit	h regard erwise in	d to the language, this report is based on the international application in the language in which it was filed, unle	 ess
	This which	s report is based on translations from the original language into the following language	,
		international search (under Rules 12.3 and 23.1(b))	
		publication of the international application (under Rule 12.4)	
		international preliminary examination (under Rules 55.2 and/or 55.3)	
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2. With furns and to	are not	d to the elements of the international application, this report is based on (replacement sheets which have the receiving Office in response to an invitation under Article 14 are referred to in this report as "originally annexed to this report): International application as originally filed/furnished	e been v filed"
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If item 4	applie.	es, some or all of those sheets may be marked "superseded."	
		409 (Pox No. D. (Income 2004)	



VARY REPORT ON PATENTABILITY



NO

Box No. V Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement 1. Statement Novelty (N) Claims 1-29 YES Claims NO Inventive step (IS) Claims 1-21, 23-27 YES Claims 22, 28, 29 NO Industrial applicability (IA) Claims 1-29 YES Claims

2. Citations and explanations (Rule 70.7)

Document 1: JP, 2001-223716, A (Matsushita Electric Industrial Co., Ltd.), 17 August, 2001 (17.08.01), [0038]-[0060], Fig. 1

Document 2: JP, 2001-111599, A (Sony Corp.), 20 April, 2001 (20.04.01), [0102], Fig. 14 Document 3: JP, 2002-16607, A (Sharp Corp.), 18 January, 2002 (18.01.02), [0051], Fig. 5

The subject matters of claims 22, 28 and 29 do not appear to involve an inventive step in view of document 1 cited in the ISR and document 2 or 3 newly cited. Document 2 ([0102] and Fig. 14) shows the feature of determining whether a notification of a reservation for a band has been received from a control station after a request for a transmission slot was transmitted, and returning a confirmation of the reservation for the band to it, and document 3 ([0051] and Fig. 5) shows the feature of determining whether a notification packet of a channel allocation has been received from a hub station and, if it has, transmitting an Ack packet to the hub station after the information on the channel has been acquired. So, a person skilled in the art could have easily created the constitution of checking whether a transmission band has been allocated by the parent station and then notifying it of the checking result in the invention of document 1 ([0058]).

A feature of the processes to set up a plurality of communications with communication devices at the other ends, described in claims 1-21 and 23-27, wherein the first signal to be transmitted in each such process is sent from one communication device to the other communication device, is neither described in any of the documents cited in the ISR nor obvious to a person skilled in the art.